

(12) **United States Patent**
Jones

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(54) **ELECTRONICALLY ILLUMINATED OPEN SIGHT FOR HANDGUNS AND RIFLES**

(56) **References Cited**

U.S. PATENT DOCUMENTS

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4,177,572 A * 12/1979 Hinds F41G 1/467
33/265

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6,199,286 B1 * 3/2001 Reed, Jr. F41G 1/467
124/87

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6,493,951 B1 * 12/2002 Smith F41G 1/467
124/87

6,681,676 B2 * 1/2004 Hayes B63C 9/26
42/51

6,796,037 B1 * 9/2004 Geffers F41G 1/467
124/87

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7,159,325 B2 * 1/2007 Rager F41G 1/467
124/87

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7,503,122 B2 * 3/2009 Afshari F41G 1/467
124/87

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7,631,433 B2 * 12/2009 Labowski F41G 1/467
124/87

US 2017/0016697 A1 Jan. 19, 2017

2003/0019118 A1 * 1/2003 Wilson F41G 1/467
33/265

2005/0252064 A1 * 11/2005 Williamson, IV F41G 1/44
42/123

2007/0009860 A1 * 1/2007 Young F41G 1/34
434/21

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* cited by examiner

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See application file for complete search history.

(57) **ABSTRACT**

An electronically illuminated open sight for handguns and rifles utilizes one or more light-emitting diodes to illuminate fiber optic rods held within rid compartments within a plurality of sight posts, including a front sight post and a rear sight post. Each fiber optic rod is viewable through a rod viewing port in the rear surface of each housing, making the illuminated fiber optic rods viewable only to the user of the handgun or rifle. The LEDs are housed within a sight body or control housing and fiber optic cables are run from the LEDs to the fiber optic rods in order to transfer light from the LEDs to the fiber optic rods within the sight posts. The LEDs can be switched on or off by a power switch, and a potentiometer controls the intensity of the LEDs.

13 Claims, 6 Drawing Sheets

